



Condensing unit
Voltage Code : XC

SILFH4532Z-XC

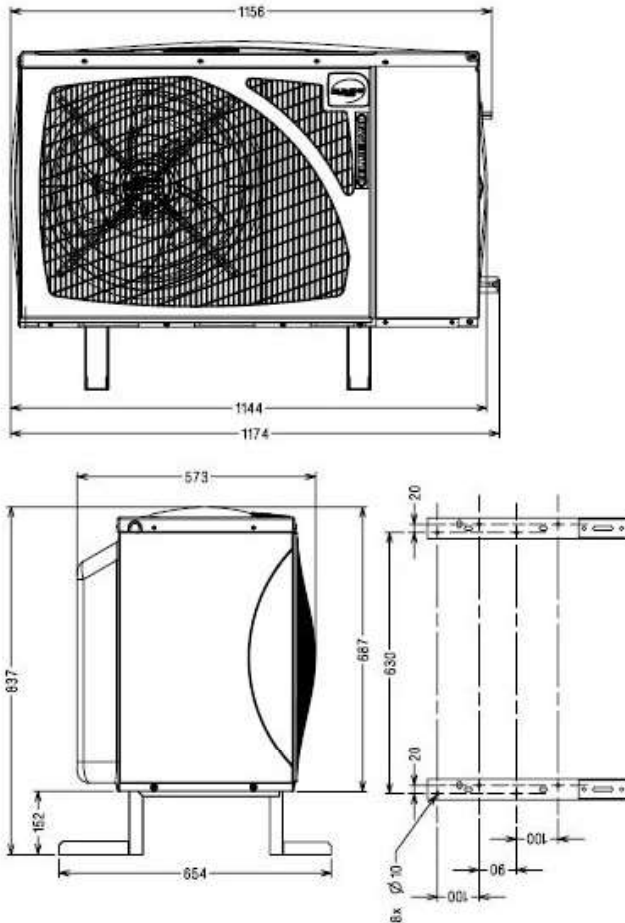
High Temp. Commercial (HP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

SILFH4532Z-XC

Conditions	Frequency	Nominal Cooling Capacity		Sound Power ISO3745 / ISO 3743-1
		Watts	BTU/h	
Standard TE / R452A	50 Hz	7511	25611	66 dBA
Standard TE / R404A	50 Hz	7655	26104	66 dBA
Standard TE / R448A	50 Hz	7622	25990	66 dBA
Standard TE / R449A	50 Hz	7606	25938	66 dBA



* Standard TE : T°Ambient 32.0°C / T°Evap. 7.2°C / T°Return gas temp.. 32.0°C
T°Subcooling. 2.0K

Net Weight (Kg)	88.0
Expansion device	Expansion_Valve
Air Flow (m³/h)	2700
Elec Comp Type	CSR
Current (Amp)	
Load Rated Amp	13.3
Max Cont Current	21.9
Lock Rotor Amp	85
Fan	
Speed (rpm)	830
Power (W)	95.0
Diameter (mm)	450
Protection	Electronic
IP Level	IP44
Condenser	450/17000
Liquid Receiver	
Capacity (L)	3.9
Maximum Pressure (Bars)	32.0
Suction Line	
Suction Type	Tube / Tube
For Tubing Out Diam	22.2 (7/8")
Suction Connection Type	Brased
Liquid Line	
Liquid Line Type	Tube
For Tubing Out Diam	12.7 (1/2")
Liquid Connecton Type	Brased
Connection Type	TT
Fan Guard	maille < à 8mm

Note : Tecumseh reserves the right to change information contained in this document without notification.



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SILFH4532Z-XC	Tension XC : 220 - 240V 1~ 50 Hz
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Les performances sont données dans les **conditions Standard TE** :
 Condition Dew
 The performance data are in **Standard TE conditions** :
 Dew Condition

Gaz aspirés : 32.0 °C
 Sous refroidissement : 2.0 K
 Return gas : 32.0 °C
 Subcooling : 2.0 K

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50 Hz R452A

N°User-258

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)		2902	3705	4595	5572	6631	7773	9001	10328
	2 P absorbée	(W)		1564	1734	1901	2067	2237	2411	2594	2785
	3 I absorbée	(A)		7.55	8.32	9.08	9.86	10.7	11.5	12.3	13.2
	4 Tc	(°C)		30.8	32.8	34.8	37.1	39.4	41.8	44.3	46.8
32	1 P frigorifique	(Watt)			3244	4081	4989	5970	7023	8155	9379
	2 P absorbée	(W)			1787	1978	2164	2350	2539	2733	2935
	3 I absorbée	(A)			8.56	9.44	10.3	11.2	12.1	13.0	14.0
	4 Tc	(°C)			38.8	40.6	42.6	44.7	47.0	49.3	51.7
43	1 P frigorifique	(Watt)				3290	4095	4955	5875	6865	7949
	2 P absorbée	(W)				2062	2288	2508	2725	2943	3167
	3 I absorbée	(A)				9.80	10.9	11.9	12.9	14.0	15.0
	4 Tc	(°C)				49.8	51.4	53.2	55.2	57.2	59.4

50 Hz R404A

N°User-257

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	2499	3206	4005	4890	5855	6891	7996	9170	10427
	2 P absorbée	(W)	1475	1648	1814	1977	2141	2308	2479	2656	2840
	3 I absorbée	(A)	7.18	7.94	8.68	9.43	10.2	11.0	11.8	12.6	13.5
	4 Tc	(°C)	30.7	32.6	34.7	36.9	39.2	41.7	44.1	46.6	49.2
32	1 P frigorifique	(Watt)		2783	3536	4358	5245	6191	7195	8260	9402
	2 P absorbée	(W)		1684	1875	2059	2241	2424	2609	2800	2996
	3 I absorbée	(A)		8.10	8.97	9.82	10.7	11.5	12.4	13.3	14.2
	4 Tc	(°C)		38.7	40.6	42.5	44.6	46.9	49.2	51.5	53.9
43	1 P frigorifique	(Watt)			2805	3530	4297	5105	5955	6857	7839
	2 P absorbée	(W)			1936	2161	2378	2591	2804	3019	3238
	3 I absorbée	(A)			9.22	10.3	11.3	12.3	13.3	14.3	15.3
	4 Tc	(°C)			49.8	51.4	53.2	55.1	57.1	59.3	61.4

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = ambient temperature 6 = evaporating temperature

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 Sous refroidissement : 2.0 K
 Return gas : 32.0 °C
 Subcooling : 2.0 K

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50 Hz R448A (*)

N°User-260

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1943	2635	3433	4343	5367	6509	7769	9151	10663
	2 P absorbée	(W)	1315	1472	1624	1773	1922	2074	2231	2396	2571
	3 I absorbée	(A)	6.44	7.13	7.81	8.49	9.18	9.89	10.6	11.4	12.2
	4 Tc	(°C)	27.8	29.2	30.8	32.6	34.5	36.7	39.0	41.3	43.8
32	1 P frigorifique	(Watt)		2253	3009	3863	4821	5888	7066	8362	9783
	2 P absorbée	(W)		1506	1685	1857	2027	2198	2373	2553	2743
	3 I absorbée	(A)		7.29	8.10	8.90	9.69	10.5	11.3	12.2	13.1
	4 Tc	(°C)		35.9	37.2	38.8	40.5	42.4	44.4	46.6	48.9
43	1 P frigorifique	(Watt)			2366	3138	3995	4946	5997	7156	8433
	2 P absorbée	(W)			1740	1960	2171	2379	2586	2797	3015
	3 I absorbée	(A)			8.32	9.33	10.3	11.3	12.3	13.3	14.3
	4 Tc	(°C)			47.4	48.5	49.9	51.4	53.1	55.0	57.1

50 Hz R449A (*)

N°User-259

5 T ambience	6 T évaporation	(°C)	-25	-20	-15	-10	-5	0	5	10	15
25	1 P frigorifique	(Watt)	1944	2635	3432	4340	5361	6499	7755	9133	10638
	2 P absorbée	(W)	1315	1473	1625	1774	1924	2077	2236	2403	2580
	3 I absorbée	(A)	6.44	7.13	7.82	8.50	9.20	9.91	10.7	11.4	12.2
	4 Tc	(°C)	27.8	29.2	30.8	32.7	34.7	36.8	39.1	41.5	44.0
32	1 P frigorifique	(Watt)		2253	3008	3861	4816	5879	7053	8343	9757
	2 P absorbée	(W)		1506	1685	1859	2030	2202	2377	2560	2751
	3 I absorbée	(A)		7.29	8.10	8.90	9.70	10.5	11.3	12.2	13.1
	4 Tc	(°C)		36.0	37.3	38.8	40.6	42.5	44.6	46.8	49.1
43	1 P frigorifique	(Watt)			2365	3135	3991	4938	5984	7136	8406
	2 P absorbée	(W)			1740	1961	2173	2382	2591	2804	3024
	3 I absorbée	(A)			8.32	9.34	10.3	11.3	12.3	13.3	14.4
	4 Tc	(°C)			47.4	48.6	49.9	51.5	53.3	55.2	57.2

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(*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de reflux élevée pour les applications LBP.

(*) Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.

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